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TO: United States Patent and Trademark Office

Fax No. 571-273-8300

FROM: Laura R. Gruzinger

Fax No. 513-627-8118 Phone No. 513-627-4597

Application No.: 10/706,378

Inventor(s): Smith, et al.

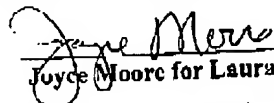
Filed: November 12, 2003

Docket No.: CM-2477M2D

Confirmation No.: 6378

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on March 29, 2007, to the above-identified facsimile number.

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- 1) Appeal Brief - 16 Pages
- 2) Fee Transmittal - 1 Page

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/706,378
Inventor(s) : Smith et al.
Filed : November 12, 2003
Art Unit : 1751
Examiner : G. Webb
Docket No. : CM7477M2D
Confirmation No. : 63/8
Customer No. : 27752
Title : Dishwashing Product

RESPONSE TO NOTIFICATION OF NON-COMPLIANT APPEAL BRIEF

Mail Stop Appeal Brief - Patents
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

In response to the Notification of Non-Complaint Appeal Brief filed mailed on March 26, 2007, attached is the original Appeal Brief filed with corrections.

This Brief is filed pursuant to the appeal from the decision communicated in the Office Action mailed on August 14, 2006.

A timely Notice of Appeal was filed on November 14, 2006. Please note that January 14, 2007, falls on a Sunday and Monday, January 15, 2007, is a federal holiday.

REAL PARTY IN INTEREST

The real party in interest is The Procter & Gamble Company of Cincinnati, Ohio.

RELATED APPEALS AND INTERFERENCES

There are no known related appeals, interferences, or judicial proceedings.

STATUS OF CLAIMS

Claims 1 to 41 are rejected.

Claims 1 to 41 are appealed.

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

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MAR 29 2007

A complete copy of the appealed claims is set forth in the Claims Appendix attached herein.

STATUS OF AMENDMENTS

Amendment was filed on October 16, 2006 (October 14, 2006 fell on a Saturday), but was not entered.

SUMMARY OF CLAIMED SUBJECT MATTER

Claim 1: A unit dose form (pg. 4, lines 22-30) water-soluble pouch for use in an automatic dishwashing machine, where the water-soluble pouch has one or more dishwashing compositions. The water-soluble pouch has a degree of deformability greater than about 5% (see pg. 3, lines 24-33; pg. 4, lines 10-20) and a shape and size such that said water-soluble pouch occupies more than about 40% of the volume (see pg. 3, line 33 - pg. 4, line 4), of an individual compartment of a dispenser compartment of an automatic dishwashing machine. The dispenser compartment has one or more individual compartments when said dispenser compartment is in a closed state (see pg. 3, line 33 - pg. 4, line 4).

Claim 38: A unit dose form (pg. 4, lines 22-30) water-soluble pouch for use in an automatic dishwashing machine, wherein the water-soluble pouch comprising at least one piece of water-soluble film (pg. 9, lines 18-29) that at least partially encloses said one or more dishwashing compositions. The water-soluble pouch having a degree of deformability greater than about 5% (see pg. 3, lines 24-33; pg. 4, lines 10-20) and a shape and size such that said water-soluble pouch occupies more than about 40% of a container that is of a size in the range from about 15 ml to about 70 ml (see pg. 3, line 33 - pg. 4, line 4).

Claim 40: A water-soluble pouch for use in a method of washing dishware/tableware in an automatic dishwashing machine which has a single or multi-compartment product dispenser which is normally closed and sealed after charging said machine and prior to delivery of a dishwashing product into the wash liquor. The unit dose form (pg. 4, lines 22-30) water-soluble pouch has one or more dishwashing compositions. The water-soluble pouch having a degree of deformability greater than about 5% (see pg. 3, lines 24-33; pg. 4, lines 10-20) and a shape and size such that said

Appl. No. 10/706,378

Docket No. CM2477M2D

Response to Non-Complaint Appeal Brief dated March 29, 2007

Customer No. 27752

pouch occupies more than about 40% of the volume of the corresponding compartment of said product dispenser in its closed state (see pg. 3, line 33 - pg. 4, line 4). The method comprises the step of contacting said dishware/tableware with said one or more dishwashing compositions in said pouch.

Claim 41: A unit dose form (pg. 4, lines 22-30) water soluble pouch for use in an automatic dishwashing machine having one or more dishwashing compositions. The water-soluble pouch being deformable (see pg. 4, lines 10-20), and having a shape and size such that said water-soluble pouch is compressibly contained (pg. 3, lines 18-22) in an individual dispenser compartment when said dispenser compartment is in a closed state.

GROUND OF REJECTION TO BE REVIEWED ON APPEAL

Claims 1-41 stand rejected under 35 U.S.C. §102 over US 2002/0077264. The Office Action maintains this rejection stating that in paragraph [0027] that it is stated, "preferably, the pouch, in particular the first pouch, is made of a material which is stretchable, as set out herein." The Office Action further states that the term "stretchable" would either directly anticipate or inherently anticipate the applicant's term "deformability".

Claims 1-41 stand rejected under 35 U.S.C. §102 over US 2005/0049164. The Office Action maintains this rejection stating that the pouch is made from a "stretchable material" in paragraph [0039]. The Office Action equates "stretchable material" with a deformable body.

Claims 1-41 stand rejected under 35 U.S.C. §102 over US 6,492,312. The Office Action maintains this rejection stating that in Col. 3, lines 40-65 of US 6,492,312, the water-soluble resin should be strong and pliable and then equates the term "pliable" with deformability".

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

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MAR 29 2007

ARGUMENTS

Rejection Under 35 USC §102 Over US 2002/0077264

Applicants would like to draw the Board's attention to the claim language of Claim 1 pending in the present case, to exemplify the claimed properties of the water-soluble pouch is discussed in Claims 1, 38, 40 and 41:

A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch having a degree of deformability greater than about 5% and a shape and size such that said water soluble pouch occupies more than about 40% of the volume of an individual compartment of a dispenser compartment of an automatic dishwashing machine that has one or more individual compartments when said dispenser compartment is in a closed state.

Applicants would also like to draw the Board's attention to the fact that the reasons for the Examiner maintaining the rejection under 35 U.S.C. §102 all address the characteristics of material making a pouch and not the pouch itself. Applicants submit that should it be the argument that a film such as the one discussed in US 2002/0077264 is equated to a complete water-soluble pouch comprising dishwashing composition as defined on page 4, lines 22-25, Applicants submit that this interpretation of the claim language is contrary to that defined by Applicants. See §2111 discussing claim interpretation.

Claim 1 clearly states that the water-soluble pouch comprises one or more dishwashing composition in a unit dose form and that the entire water-soluble pouch, not just the material making the pouch alone, has the required degree of deformability and occupation of volume of a dispenser compartment of an automatic dishwashing machine.

Applicants maintain that US 2002/0077264 does not recognize or disclose the deformability parameter for the water-soluble pouch claimed and request that the rejection under 35 U.S.C. §102 be withdrawn.

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

Additionally, the Office Action states that the Examiner is unaware of any dishwashing pouch that possesses rigid dimensions. Applicants are unaware of an MPEP section where the lack of knowledge by the Examiner for an element, not actually claimed by the Applicants, impacts the patentability of the claims at hand - especially as a rational justify a rejection under 35 U.S.C. §102 such as the instant case.

As such, Applicants would like to state for clarification that the present claims are not directed to a dishwashing pouch that possesses rigid dimension, rather it is directed to a water-soluble pouch that possess a certain deformability parameter and occupation of volume of a dispenser compartment of an automatic dishwashing machine. Applicants maintain that US 2002/0077264 does not recognize or disclose the deformability parameter for the water-soluble pouch claimed and request that the rejection under 35 U.S.C. §102 be withdrawn.

Rejection Under 35 USC §102 Over US 2005/0049164

Applicants would like to draw the Board's attention to the claim language of Claim 1 pending in the present case, to exemplify the claimed properties of the water-soluble pouch is discussed in Claims 1, 38, 40 and 41:

A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water soluble pouch having a degree of deformability greater than about 5% and a shape and size such that said water-soluble pouch occupies more than about 40% of the volume of an individual compartment of a dispenser compartment of an automatic dishwashing machine that has one or more individual compartments when said dispenser compartment is in a closed state.

Applicants would also like to draw the Board's attention to the fact that the reasons for the Examiner maintaining the rejection under 35 U.S.C. §102 all address the characteristics of material making a pouch and not the pouch itself. Applicants submit that should it be the argument that a film such as the one discussed in US 2005/0049164 is equated to a complete water-soluble pouch comprising dishwashing composition as defined on page 4, lines 22-25, Applicants submit that this interpretation of the claim

Appl. No. 10/706,378

Docket No. CM2477M2D

Response to Non-Complaint Appeal Brief dated March 29, 2007

Customer No. 27752

language is contrary to that defined by Applicants. See §2111 discussing claim interpretation.

Claim 1 clearly states that the water-soluble pouch comprises one or more dishwashing composition in a unit dose form and that the entire water-soluble pouch, not just the material making the pouch alone, has the required degree of deformability and occupation of volume of a dispenser compartment of an automatic dishwashing machine.

Applicants maintain that US 2005/0049164 does not recognize or disclose the deformability parameter for the water-soluble pouch claimed and request that the rejection under 35 U.S.C. §102 be withdrawn.

Additionally, the Office Action states that the Examiner is unaware of any dishwashing pouch that possesses rigid dimensions. Applicants are unaware of an MPEP section where the lack of knowledge by the Examiner for an element, not actually claimed by the Applicants, impacts the patentability of the claims at hand -- especially as a rational justify a rejection under 35 U.S.C. §102 such as the instant case.

As such, Applicants would like to state for clarification that the present claims are not directed to a dishwashing pouch that possesses rigid dimension, rather it is directed to a water-soluble pouch that possess a certain deformability parameter and occupation of volume of a dispenser compartment of an automatic dishwashing machine. Applicants maintain that US 2005/0049164 does not recognize or disclose the deformability parameter for the water-soluble pouch claimed and request that the rejection under 35 U.S.C. §102 be withdrawn.

Rejection Under 35 USC §102 Over US 6,492,312

Applicants would like to draw the Board's attention to the claim language of Claim 1 pending in the present case, to exemplify the claimed properties of the water-soluble pouch is discussed in Claims 1, 38, 40 and 41:

A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch having a degree of deformability greater than about 5% and a shape and size such that said water-soluble pouch

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

occupies more than about 40% of the volume of an individual compartment of a dispenser compartment of an automatic dishwashing machine that has one or more individual compartments when said dispenser compartment is in a closed state.

Applicants would also like to draw the Board's attention to the fact that the reasons for the Examiner maintaining the rejection under 35 U.S.C. §102 all address the characteristics of material making a pouch and not the pouch itself. Applicants submit that should it be the argument that a film such as the one discussed in US 6,492,312 is equated to a complete water-soluble pouch comprising dishwashing composition as defined on page 4, lines 22-25, Applicants submit that this interpretation of the claim language is contrary to that defined by Applicants. See §2111 discussing claim interpretation.

Claim 1 clearly states that the water-soluble pouch comprises one or more dishwashing composition in a unit dose form and that the entire water-soluble pouch, not just the material making the pouch alone, has the required degree of deformability and occupation of volume of a dispenser compartment of an automatic dishwashing machine.

Applicants maintain that US 6,492,312 does not recognize or disclose the deformability parameter for the water-soluble pouch claimed and request that the rejection under 35 U.S.C. §102 be withdrawn.

Additionally, the Office Action states that the Examiner is unaware of any dishwashing pouch that possesses rigid dimensions. Applicants are unaware of an MPEP section where the lack of knowledge by the Examiner for an element, not actually claimed by the Applicants, impacts the patentability of the claims at hand - especially as a rational justify a rejection under 35 U.S.C. §102 such as the instant case.

As such, Applicants would like to state for clarification that the present claims are not directed to a dishwashing pouch that possesses rigid dimension, rather it is directed to a water-soluble pouch that possess a certain deformability parameter and occupation of volume of a dispenser compartment of an automatic dishwashing machine. Applicants maintain that US 6,492,312 does not recognize or disclose the deformability parameter

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752
for the water-soluble pouch claimed and request that the rejection under 35 U.S.C. §102
be withdrawn.

Appl. No. 10/706,378
Docket No. CM247/M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

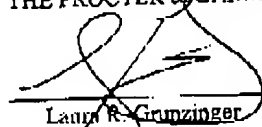
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SUMMARY

In view of all of the above, it is respectfully submitted that the Examiner's rejection under 35 U.S.C. §102 of Claims 1 to 41 be reconsidered and withdrawn in view of the comments above.

Respectfully submitted,
THE PROCTER & GAMBLE COMPANY


Laura R. Grunzinger
Registration No. 47,616
(513) 627-4597

Date: March 26, 2007

Customer No. 27752

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

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CLAIMS APPENDIX

1. (Rejected) A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch having a degree of deformability greater than about 5% and a shape and size such that said water-soluble pouch occupies more than about 40% of the volume of an individual compartment of a dispenser compartment of an automatic dishwashing machine that has one or more individual compartments when said dispenser compartment is in a closed state.
2. (Rejected) The water-soluble pouch of Claim 1 wherein the shape and size of said water-soluble pouch are such that said pouch occupies more than about 40% of a volume that is of a size in the range from about 15 ml to about 70 ml.
3. (Rejected) The water-soluble pouch of Claim 1 having a degree of deformability greater than about 8% and a shape and size such that said water-soluble pouch occupies more than about 50% of the volume of the dispenser compartment of an automatic dishwashing machine when said dispenser compartment is in a closed state.
4. (Rejected) The water-soluble pouch of Claim 3 wherein the shape and size of said water-soluble pouch are such that said pouch occupies more than about 50% of a volume that is of a size in the range from about 15 ml to about 70 ml.
5. (Rejected) The water-soluble pouch of Claim 1 having a degree of deformability greater than about 10% and a shape and size such that said water-soluble pouch occupies more than about 60% of the volume of the dispenser compartment of an automatic dishwashing machine when said dispenser compartment is in a closed state.
6. (Rejected) The water-soluble pouch of Claim 5 wherein the shape and size of said water-soluble pouch are such that said pouch occupies more than about 60% of a volume that is of a size in the range from about 15 ml to about 70 ml.

Appl. No. 10/706,378

Docket No. CM2/177M2D

Response to Non-Complaint Appeal Brief dated March 29, 2007

Customer No. 27752

7. (Rejected) The water-soluble pouch of Claims 1, 2, 3, 4, 5, or 6 wherein said water-soluble pouch has a shape and size such that it is in a state of compression when it is the dispenser compartment of an automatic dishwashing machine and said dispenser compartment is in a closed state.
8. (Rejected) The water-soluble pouch of Claim 1 wherein said pouch comprises at least one piece of water-soluble film that at least partially encloses said one or more dishwashing compositions.
9. (Rejected) The water-soluble pouch of Claim 8 wherein said at least one piece of water soluble film comprises polyvinyl alcohol.
10. (Rejected) The water-soluble pouch of Claim 8 wherein at least one piece of water-soluble film is thermo-formed into a configuration for at least a portion of said water-soluble pouch.
11. (Rejected) The water-soluble pouch of Claim 8 wherein at least one piece of water-soluble film is vacuum-formed into a configuration for at least a portion of said water-soluble pouch.
12. (Rejected) A water-soluble pouch of Claim 8 comprising a single compartment for said one or more dishwashing compositions.
13. (Rejected) The water-soluble pouch of Claim 12 wherein said one or more dishwashing compositions comprises a gel.
14. (Rejected) The water-soluble pouch of Claim 13 wherein said gel is translucent.
15. (Rejected) The water-soluble pouch of Claim 13 wherein water-soluble pouch contains an air bubble therein.
16. (Rejected) The water-soluble pouch of Claim 15 wherein said air bubble has a volume of up to about 50% of the volume of said pouch.

Appl. No. 10/706,378

Docket No. CM2477M2D

Response to Non-Complaint Appeal Brief dated March 29, 2007

Customer No. 27752

17. (Rejected) A water-soluble pouch according to Claim 13 that displays anisotropic deformability.
18. (Rejected) The water-soluble pouch of Claims 1, 12, or 13 wherein said one or more dishwashing compositions comprises a builder selected from the group consisting of: citrates, carbonates; polyphosphates; silicates; and mixtures thereof.
19. (Rejected) The water-soluble pouch of Claims 1, 12, or 13 wherein said one or more dishwashing compositions comprise at least the following ingredients: potassium tripolyphosphate and a citrate.
20. (Rejected) The water-soluble pouch of Claim 19 wherein said one or more dishwashing compositions comprise one or more enzymes.
21. (Rejected) The water-soluble pouch of Claim 20 wherein said one or more enzymes comprise protease and amylase enzymes.
22. (Rejected) A water-soluble pouch of Claim 8 comprising more than one compartment for said one or more dishwashing compositions.
23. (Rejected) The water-soluble pouch of Claim 22 comprising at least one compartment containing a powder composition.
24. (Rejected) The water-soluble pouch of Claim 23 wherein said powder composition comprises a builder selected from the group consisting of: citrates, carbonates; polyphosphates; silicates; and mixtures thereof.
25. (Rejected) The water-soluble pouch of Claim 24 wherein said builder comprises a polyphosphate.
26. (Rejected) The water-soluble pouch of Claim 25 further comprising a carbonate.
27. (Rejected) The water-soluble pouch of Claim 26 further comprising a silicate.

Appl. No. 10/706,378

Docket No. CM2477M2D

Response to Non-Complaint Appeal Brief dated March 29, 2007

Customer No. 27752

28. (Rejected) The water-soluble pouch of Claim 23 wherein said powder composition further comprises one or more enzymes.
29. (Rejected) The water-soluble pouch of Claims 23 or 28 wherein said powder composition further comprises a bleaching agent.
30. (Rejected) The water-soluble pouch of Claim 29 wherein said bleaching agent comprises a particulate bleach.
31. (Rejected) The water-soluble pouch of Claim 29 wherein said bleaching agent is selected from the group consisting of: sodium perborate and sodium percarbonate.
32. (Rejected) The water-soluble pouch of Claim 23 wherein said multi-compartment pouch comprises at least one compartment separate from the compartment containing said powder composition, and said separate compartment contains a liquid composition.
33. (Rejected) The water-soluble pouch of Claim 32 wherein the compartment of said water-soluble pouch containing said liquid composition contains an air bubble therein.
34. (Rejected) The water-soluble pouch of Claim 32 wherein said liquid composition comprises at least one non-ionic surfactant.
35. (Rejected) The water-soluble pouch of Claim 34 wherein said liquid composition further comprises a solvent.
36. (Rejected) The water-soluble pouch of Claim 32 wherein said liquid composition and said powder composition have different colors.
37. (Rejected) The water-soluble pouch of Claim 32 wherein said liquid composition and said powder composition have different opacities.
38. (Rejected) A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch comprising at least one piece of water-soluble film that at least partially encloses

Appl. No. 10/706,378

Docket No. CM2477M2D

Response to Non-Complaint Appeal Brief dated March 29, 2007

Customer No. 27752

said one or more dishwashing compositions, said water-soluble pouch having a degree of deformability greater than about 5% and a shape and size such that said water-soluble pouch occupies more than about 40% of a container that is of a size in the range from about 15 ml to about 70 ml.

39. (Rejected) The water-soluble pouch of Claim 38 wherein said water-soluble pouch has a shape and size such that it is in a state of compression when it is confined within such a container.

40. (Rejected) A water-soluble pouch for use in a method of washing dishware/tableware in an automatic dishwashing machine which has a single or multi-compartment product dispenser which is normally closed and sealed after charging said machine and prior to delivery of a dishwashing product into the wash liquor, wherein said water-soluble pouch comprises one or more dishwashing compositions in a unit dose form, said pouch having a degree of deformability greater than about 5% and a shape and size such that said pouch occupies more than about 40% of the volume of the corresponding compartment of said product dispenser in its closed state, wherein said method comprises the step of contacting said dishware/tableware with said one or more dishwashing compositions in said pouch.

41. (Rejected) A water-soluble pouch for use in an automatic dishwashing machine comprising one or more dishwashing compositions in a unit dose form, said water-soluble pouch being deformable, and having a shape and size such that said water-soluble pouch is compressibly contained in an individual compartment of a dispenser compartment of at least one automatic dishwashing machine that has one or more individual compartments when said dispenser compartment is in a closed state.

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MAR 29 2007

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

EVIDENCE APPENDIX

None

Appl. No. 10/706,378
Docket No. CM2477M2D
Response to Non-Complaint Appeal Brief dated March 29, 2007
Customer No. 27752

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MAR 29 2007

RELATED PROCEEDINGS APPENDIX

None

FEE TRANSMITTAL for FY 2007 Patent fees are subject to annual revision. Effective December 8, 2004	Complete if known	
	Application Number	10/706,378
	Confirmation Number	6378
	Filing Date	November 12, 2003
	First Named Inventor	David John Smith
	Examiner Name	Gregory E. Webb
	Art Unit	1751
	Docket No.	CM-2477M2D
TOTAL AMOUNT OF PAYMENT \$500		

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METHOD OF PAYMENT	FEE CALCULATION (continued)																														
1. [X]. The Director is hereby authorized to charge indicated fees submitted on this form, credit any over payments, and charge any additional fee(s) during the pendency of this application to: Deposit Account Number: 16-2480 Deposit Account Name: The Procter & Gamble Company	5. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Extension for reply within 1st month</td> <td>(\$120) <input type="checkbox"/></td> </tr> <tr> <td>Extension for reply within 2nd month</td> <td>(\$450) <input type="checkbox"/></td> </tr> <tr> <td>Extension for reply within 3rd month</td> <td>(\$1,020) <input type="checkbox"/></td> </tr> <tr> <td>Extension for reply within 4th month</td> <td>(\$1,590) <input type="checkbox"/></td> </tr> <tr> <td>Extension for reply within 5th month</td> <td>(\$2,160) <input type="checkbox"/></td> </tr> <tr> <td>Information Disclosure Statement fee</td> <td>(\$180) <input type="checkbox"/></td> </tr> <tr> <td>37 CFR 1.16(f) Late Oath/Declaration (nonprovisional)</td> <td>(\$130) <input type="checkbox"/></td> </tr> <tr> <td>37 CFR 1.17 (q) Surcharge - Late provisional filing fee or cover sheet</td> <td>(\$50) <input type="checkbox"/></td> </tr> <tr> <td>Non-English specification</td> <td>(\$130) <input type="checkbox"/></td> </tr> <tr> <td>Notice of Appeal</td> <td>\$500 [X]S</td> </tr> <tr> <td>Filing a brief in support of an appeal</td> <td>(\$500) <input type="checkbox"/></td> </tr> <tr> <td>Request for oral hearing</td> <td>(\$1,000) <input type="checkbox"/></td> </tr> <tr> <td>Acceptance of unintentionally delayed claim for priority under 35 U.S.C. 119, 120, 121, or 365 (a) or (c)</td> <td>(\$1,370) <input type="checkbox"/></td> </tr> <tr> <td>Other:</td> <td><input type="checkbox"/></td> </tr> </tbody> </table>	Fee Description	Fee Paid	Extension for reply within 1 st month	(\$120) <input type="checkbox"/>	Extension for reply within 2 nd month	(\$450) <input type="checkbox"/>	Extension for reply within 3 rd month	(\$1,020) <input type="checkbox"/>	Extension for reply within 4 th month	(\$1,590) <input type="checkbox"/>	Extension for reply within 5 th month	(\$2,160) <input type="checkbox"/>	Information Disclosure Statement fee	(\$180) <input type="checkbox"/>	37 CFR 1.16(f) Late Oath/Declaration (nonprovisional)	(\$130) <input type="checkbox"/>	37 CFR 1.17 (q) Surcharge - Late provisional filing fee or cover sheet	(\$50) <input type="checkbox"/>	Non-English specification	(\$130) <input type="checkbox"/>	Notice of Appeal	\$500 [X]S	Filing a brief in support of an appeal	(\$500) <input type="checkbox"/>	Request for oral hearing	(\$1,000) <input type="checkbox"/>	Acceptance of unintentionally delayed claim for priority under 35 U.S.C. 119, 120, 121, or 365 (a) or (c)	(\$1,370) <input type="checkbox"/>	Other:	<input type="checkbox"/>
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FEE CALCULATION 2. BASIC FILING FEE - Large Entity <table border="1"> <thead> <tr> <th>FILING FEE</th> <th>SEARCH FEE</th> <th>EXAMINATION FEE</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Nonprovisional (\$300)</td> <td>(\$500)</td> <td>(\$200)</td> <td>(Total = \$1000) <input type="checkbox"/></td> </tr> <tr> <td>Utility</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Design (\$200)</td> <td>(\$100)</td> <td>(\$130)</td> <td>(Total = \$430) <input type="checkbox"/></td> </tr> <tr> <td>Reissue (\$300)</td> <td>(\$500)</td> <td>(\$600)</td> <td>(Total = \$1400) <input type="checkbox"/></td> </tr> <tr> <td>Provisional Utility filing fee</td> <td></td> <td>(Total = \$200) <input type="checkbox"/></td> <td></td> </tr> </tbody> </table>	FILING FEE	SEARCH FEE	EXAMINATION FEE	Fee Paid	Nonprovisional (\$300)	(\$500)	(\$200)	(Total = \$1000) <input type="checkbox"/>	Utility				Design (\$200)	(\$100)	(\$130)	(Total = \$430) <input type="checkbox"/>	Reissue (\$300)	(\$500)	(\$600)	(Total = \$1400) <input type="checkbox"/>	Provisional Utility filing fee		(Total = \$200) <input type="checkbox"/>								
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3. APPLICATION SIZE FEE: Sheets of Spec and Drawings <input type="checkbox"/> (\$250 for each 50 sheets in excess of 100, except for sequence and program listings) SUBTOTAL (2)+(3) (\$) <input type="checkbox"/>																															
4. EXTRA CLAIM FEES FOR UTILITY AND REISSUE: <table border="1"> <thead> <tr> <th>Extra Claims</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims <input type="checkbox"/> - 20** = <input type="checkbox"/> x</td> <td><input type="checkbox"/> =</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Independent Claims <input type="checkbox"/> - 3** = <input type="checkbox"/> x</td> <td><input type="checkbox"/> =</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Multiple Dependent claims:</td> <td><input type="checkbox"/> =</td> <td><input type="checkbox"/></td> </tr> </tbody> </table> ** or number previously paid, if greater; For Reissues, see below Fee Description Claims in excess of 20 (\$50 per claim) Independent claims in excess of 3 (\$200 per claim) Multiple dependent claim, if not paid (\$360) **Reissue: each independent claim over 3 and more than in the original patent (\$200 per claim) **Reissue claims: each claim over 20 and more than original patent (\$50 per claim) SUBTOTAL (4) (\$) <input type="checkbox"/>	Extra Claims	Fee from Below	Fee Paid	Total Claims <input type="checkbox"/> - 20** = <input type="checkbox"/> x	<input type="checkbox"/> =	<input type="checkbox"/>	Independent Claims <input type="checkbox"/> - 3** = <input type="checkbox"/> x	<input type="checkbox"/> =	<input type="checkbox"/>	Multiple Dependent claims:	<input type="checkbox"/> =	<input type="checkbox"/>																			
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SUBMITTED BY		Registration No.		Complete (if applicable)	
Name (Print/Type)	Laura R. Grunzinger	47,515	Telephone	(513) 627-4597	
Signature		(Attorney/Agent)	Date	March 29, 2007	

+ This collection of information is required by 37 CFR 2.17. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.4. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing the burden should be directed to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT FORGIVE 1450 Alexandria, VA 22313-1450.